

Application Serial No. 10/634,392
Reply to Office Action of December 15, 2004

PATENT
Docket: CU-3320

Amendments To The Claims

The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (currently amended) A ~~backlight unit~~ structure for ~~an~~ a LCD (Liquid Crystal Display), comprising:

 a display panel;

 at least a lamp disposed under a the display panel; and

 at least a reflection plate rotatably disposed around the corresponding lamp and having an opening through which light can be concentrated on the display panel.

2. (currently amended) A ~~backlight unit~~ structure for ~~an~~ a LCD as claimed in claim 1, wherein the lamp and the reflection plate are formed integrally with each other, so that the lamp can rotate together with the corresponding reflection plate while allowing the light to be concentrated on a lower surface of the display panel.

3. (currently amended) A ~~backlight unit~~ structure for ~~an~~ a LCD as claimed in claim 2, wherein a blink rotation speed of the lamp to which the corresponding reflection plate is attached can be synchronized with a scanning speed of a gate signal.

4. (currently amended) A ~~backlight unit~~ structure for ~~an~~ a LCD as claimed in

Application Serial No. 10/634,392
Reply to Office Action of December 15, 2004

PATENT
Docket: CU-3320

claim 2, further comprising a rotation driver for rotating the lamp and the reflection plate together with each other.

5. (currently amended) A ~~backlight unit~~ structure for ~~an~~ a LCD as claimed in claim 1, wherein the reflection plate is formed separately around the corresponding lamp, so that the reflection plate can rotate separately from the corresponding lamp.

6. (currently amended) A ~~backlight unit~~ structure for ~~an~~ a LCD as claimed in claim 5, wherein the reflection plate has a rotation speed which enables light reflected from the reflection plate to be directed toward a portion directly under a gate line to which the gate signal is applied.

7. (currently amended) A ~~backlight unit~~ structure for ~~an~~ a LCD as claimed in claim 5, further comprising a rotation driver for individually rotating each of the lamp and the reflection plate.

8. (cancelled)

9. (new) A structure for a LCD, comprising:

a display panel; and

a plurality of backlight element under the display panel, each of the backlight element having a light excluding portion and an opening portion through which light can be concentrated on the display panel, each of the

Application Serial No. 10/634,392
Reply to Office Action of December 15, 2004

PATENT
Docket: CU-3320

backlight element having a rotation speed which enables light passing through the opening to be directed toward a portion directly under a gate line to which the gate signal is applied.

10. (new) A structure for a LCD as claimed in claim 9, wherein the rotation speed of the backlight element is synchronized with a scanning speed of a gate signal.

11. (new) A structure for a LCD as claimed in claim 9, wherein the light excluding portion of each of the backlight element is covered by a light reflecting material.

12. (new) A structure for a LCD as claimed in claim 9, further comprising a rotation driver for individually rotating each of the backlight element.